HiS VARIO T system.
Solutions for terminal applications.

Ideally suited for multiple production batches and a high variety of different terminal applications.

**Precise alignment**
- Quick, safe and precise adjustment of the individual functional elements, such as the sonotrode position and interchangeable fixture
- Optimum support of the sonotrode in the tooling mount for reproducible weld results

**Quick and easy application change**
- Innovative equipment concept for a wide range of parts and applications
- Equipment indexed and changeable with plug-in type connections
- Rapidly exchangeable format sets

**Reproducible and safe tool change**
- Innovative design of sonotrode and tooling mount guarantees stability
- Precise sonotrode change in a few minutes
- Clamping system for changing the tooling mount

**Modularity and flexibility**
- Basic functions
  - Sonotrode cooling
- Optional auxiliary functions on a modular basis:
  - Part ejector, anvil cooling, terminal clamping, converter cooling
- Selection of different weld force ranges
  - Weld forces of up to 6000 N
- Fieldbus interfaces:
  - EtherCAT
  - PROFINET IO
  - EtherNet/IP
  - and others

**Footprint**
- Compactness and small size
- Free feed options with automation

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HiS VARIO T system.
For integration in automated production lines.

The HiS VARIO T is the perfect solution for terminal applications. Quick changes of the applications are as possible as the safe and easy replacement of weld tools. Sophisticated functionalities and interfaces ease the integration of the work station throughout the production line. Production safety and quality through precision come first.

**Technical data**

<table>
<thead>
<tr>
<th>HiS VARIO T</th>
<th>20 kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generator power [W]</td>
<td>2400 / 4800 / 6200</td>
</tr>
<tr>
<td>Weld force max [N] at 8 bar</td>
<td>6000</td>
</tr>
<tr>
<td>Stroke / Revision stroke [mm]</td>
<td>50 / 100</td>
</tr>
<tr>
<td>Outside dimensions incl. HMI operating cockpit (W x H x D) [mm]</td>
<td>530 x 768 x 600</td>
</tr>
<tr>
<td>Control panel (weld process control)</td>
<td>12&quot; / 9&quot; touch screen</td>
</tr>
<tr>
<td>Operating modes</td>
<td>5</td>
</tr>
<tr>
<td>Application memories</td>
<td>32</td>
</tr>
<tr>
<td>Number of stored welds (graphics &amp; data)</td>
<td>100</td>
</tr>
<tr>
<td>Number of controllable auxiliary functions (optional)</td>
<td>4</td>
</tr>
</tbody>
</table>

Optionally available as an ultrasonic welding machine with safety cell

**Contact us!**

Rely on our expertise – we’ll handle that for you!

📞 1-630-626-1626  
✉️ info@herrmannultrasonics.com

**BONDING – MORE THAN MATERIALS**